

DINOL INTERNATIONAL -- DINITROL AV 30 (HV-269E) - WATER-DISPLACING COMPOUND
MATERIAL SAFETY DATA SHEET
NSN: 6850013553387
Manufacturer's CAGE: 0L040
Part No. Indicator: E
Part Number/Trade Name: DINITROL AV 30 (HV/269E)

=====

General Information

=====

Item Name: WATER-DISPLACING COMPOUND
Company's Name: DINOL INTERNATIONAL.
Company's Street: 283 SW 41ST ST
Company's City: RENTON
Company's State: WA
Company's Country: US
Company's Zip Code: 98055
Company's Emerg Ph #: 206-251-9504
Company's Info Ph #: 206-251-9504
Distributor/Vendor # 1: EFTEC AB (+46 451 88 0)
Distributor/Vendor # 1 Cage: EFTEC
Safety Data Action Code: A
Record No. For Safety Entry: 006
Tot Safety Entries This Stk#: 006
Status: FE
Date MSDS Prepared: 02NOV97
Safety Data Review Date: 30APR98
Supply Item Manager: CX
MSDS Serial Number: CGMLR
Specification Number: UNKNOWN
Hazard Characteristic Code: F4
Unit Of Issue: CN
Unit Of Issue Container Qty: 5 GALLONS
Type Of Container: CAN
Net Unit Weight: 5 GALLONS

=====

Ingredients/Identity Information

=====

Proprietary: NO
Ingredient: MINERAL SPIRITS; (NAPHTA(PETROLEUM)HYDROTREATED HEAVY)
Ingredient Sequence Number: 01
Percent: 35-45
Ingredient Action Code: A
NIOSH (RTECS) Number: PY8240000
CAS Number: 64475-85-0
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: 2-BUTOXYETHANOL
Ingredient Sequence Number: 02
Percent: 1.1-1.6
Ingredient Action Code: A
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9596

Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: SURFACTANT
Ingredient Sequence Number: 03
Percent: 0-2
Ingredient Action Code: A
NIOSH (RTECS) Number: 10076450B
CAS Number: 25307-17-9
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: INHIBITOR (SULFONATE BASED)
Ingredient Sequence Number: 04
Percent: 10-20
Ingredient Action Code: A
NIOSH (RTECS) Number: 1007644CD
CAS Number: 57855-77-3
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED
=====

Physical/Chemical Characteristics

=====

Appearance And Odor: LIQUID, FLUID, BROWNISH COLOR, SOLVENT ODOR
Boiling Point: 284F,140C
Melting Point: NP
Vapor Pressure (MM Hg/70 F): <1.00 KPA
Vapor Density (Air=1): >1
Specific Gravity: NP
Decomposition Temperature: NP
Evaporation Rate And Ref: <0.2, BUTYL ACETATE=1
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: NP
Viscosity: >7CST @40C
pH: NP
Corrosion Rate (IPY): NP
Autoignition Temperature: >240C
=====

Fire and Explosion Hazard Data

=====

Flash Point: >117F,>47C
Flash Point Method: PMCC
Lower Explosive Limit: 0.60
Upper Explosive Limit: 7
Extinguishing Media: FIRE MAY BE EXTINGUISHED USING POWDER, FOAM, OR CARBON DIOXIDE (CO2).
Special Fire Fighting Proc: CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED RO COOLED W/WATER.
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.
=====

Reactivity Data

=====

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: UNSPECIFIED.

Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.

=====

Health Hazard Data

=====

LD50-LC50 Mixture: LD50 >2000MG/KG (ORAL,RAT)
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL:MAY CAUSE HEAD,DIZZ,TIREDNESS,NAU.@HI
CONC RX TIME/MEMORY MAY DETERIORATE,UNCONSC MAY OCCUR.LONG/OFT REP INHAL OF
DEGREASES SKIN WHICH @LONG/OFT REP CONTACT MAY CAUSE REDDENING,SOMETIMES
ECZEMA.IN COMBINATION W/BAD PERSONAL HYG(SUPPLEMENT)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: PER MSDS:PETRO NAPHTA/PETRO DISTILLATE/LUBR
OIL FULFILL REQMTS FOR NOT BEING CLASSIFIED AS CARC.
Signs/Symptoms Of Overexp: HEADACHE,DIZZINESS,TIREDNESS,NAU, DETERIORATED
RX TIME/MEMEORY,UNCONSC.PERM DMG TO NERVOUS SYSTEM.EYE: SMARTING
PAIN,SLIGHT IRRIT.SKIN DEGREASES,REDDENING,ECZEMA,DERM,OIL ACNE, OTHER SKIN
CHANGES.INGEST:NAUSEA,VOMITING,DIARRHEA,SIMILAR SYMPTOMS AS INHAL.CHEM
PNEUMONIA.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INHAL:FRESH AIR & REST.ALTERNATIVELY ARTIFICIAL
RESPIRATION.INGEST:GIVE 3OZ OF USP WHITE MINERAL OIL OR EDIBLE VEGETABLE
OIL TO DRINK.TO HOSPITAL IF STRONG COUGH OR VOMIT OCCURS OR IF LARGER QUANT
HAS BEEN CONSUMED.DONT INDUCE VOMIT.SKIN;REMOVE SOAK CLOTH. WASH SKIN
W/SOAP/WATER.EYE:RINSE W/WATER.CONTACT PHYSICIAN IF DISCOMFORT CONTINUES.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: ABSORB IN VERMICULITE,DRY SAND,EARTH & PLACE
INTO CONTAINERS.COLLECT SPILLAGE IN CONTAINERS,SEAL SECURELY &DELIVER FOR
DISPOSAL ACCORDING TO LOCAL REGULATIONS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: PROD NOT CLASSIFIED AS HARMFUL TO ENVIRO.PETRO
NAPHTHA NOT CLASSIFIED AS ENVIRO HARMFUL & HAS LOWTOXICITY FOR WTER
ORGANISMS.MAJOR LOC OUTLETS COULD BE A RISK.NAPHTHA EASILY DEGRADABLE,
BIOACCUMULATED.CONFIRM DISPO PROCEDURES W/ENVIRO ENGINEER,LOC REG
Precautions-Handling/Storing: PROVIDE GOOD VENTILATION.MECHANICAL
VENTILATION OR LOCAL EXHAUST VENTILATION MAY BE REQUIRED.STORE IN MODERATE
TEMPERATURES IN DRY WELL VENTIL AREA.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

=====

Control Measures

=====

Respiratory Protection: RESPIRATORY PROTECTION MAY BE REQURIED.GAS
CARTRIDGE (ORGANIC SUBSTANCES).
Ventilation: MECHANICAL VENTILATION OR LOCAL EXHAUST VENTILATION MAY BE
REQUIRED.
Protective Gloves: NEOPRENE,NITRILE GLOVES
Eye Protection: NONE SPECIFIED BY MANUFACTURER.
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: HEALTH:IT MAY CAUSE DERM,OIL ACNE,OTHER SKIN
CHANGES.INGEST:MAY CAUSE NAU,VOMIT,DIARR,SIMILAR SYMPTOMS AS INHAL.RISK OF

CHEM PNEUMONIA IF PROD REACHES LUNGS @VOMIT/SIMILAR.

=====

Transportation Data

=====

Transportation Action Code: A
Trans Data Review Date: 98120
DOT PSN Code: DNL
DOT Proper Shipping Name: COATING SOLUTION
DOT Class: 3
DOT ID Number: UN1139
DOT Pack Group: III
DOT Label: 3
IMO PSN Code: ENF
IMO Proper Shipping Name: COATING SOLUTION o
IMO Regulations Page Number: 3321
IMO UN Number: 1139
IMO UN Class: 3.3
IMO Subsidiary Risk Label: -
IATA PSN Code: GZN
IATA UN ID Number: 1139
IATA Proper Shipping Name: COATING SOLUTION +
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: GZN
AFI Prop. Shipping Name: COATING SOLUTION
AFI Class: 3
AFI ID Number: UN1139
AFI Pack Group: III
AFI Special Prov: P5
AFI Basic Pac Ref: A7.3
Additional Trans Data: PER MSDS:PROPER SHIPPING NAME:COATING SOLN, UN1139,
PKG III.

=====

Disposal Data

=====

=====

Label Data

=====

Label Required: YES
Technical Review Date: 30APR98
Label Date: 02NOV97
Label Status: M
Common Name: DINITROL AV 30 (HV/269E)
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: FLAMM. INHAL:HEAD,DIZZ,TIREDNESS,NAU.@HI CONC
RX TIME/MEMORY MAY DETERIORATE,UNCONSC.LONG/OFT REP INHAL OF HI CONC CAUSE
PERM DMG TO NERV SYS.EYE:SMARTING PAIN,SLIGHT IRRIT.SKIN:DEGREASES SKIN
WHICH @LONG/OFT REP CONTACT CAUSE RED,ECZEMA.IN COMBINATION W/BAD PERSONAL
HYG,CAUSE DERM,OIL ACNE,OTHER SKIN CHANGES. INGEST:NAU,VOMIT,DIARR,SIMILAR
INHAL SYMPT.CHEM PNEUMONIA.1STAID: INHAL:FRESH AIR/REST.ALTERNATIVELY ART
RESP.INGEST:GIVE 3OZ OF USP WHITE MINERAL OIL/EDIBLE VEG OIL TO DRINK.HOSP
IF STRONG COUGH/VOMIT OCCURS/LGER QUANT CONSUMED.DONT INDUCE VOMIT.SKIN;

REMOVE SOAK CLOTH.WASH SKIN W/SOAP/WATER.EYE:RINSE W/WATER.DISCOMFT CONT
SEE DR.CONTINUES

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: DINOL INTERNATIONAL.

Label Street: 283 SW 41ST ST

Label City: RENTON

Label State: WA

Label Zip Code: 98055

Label Country: US

Label Emergency Number: 206-251-9504